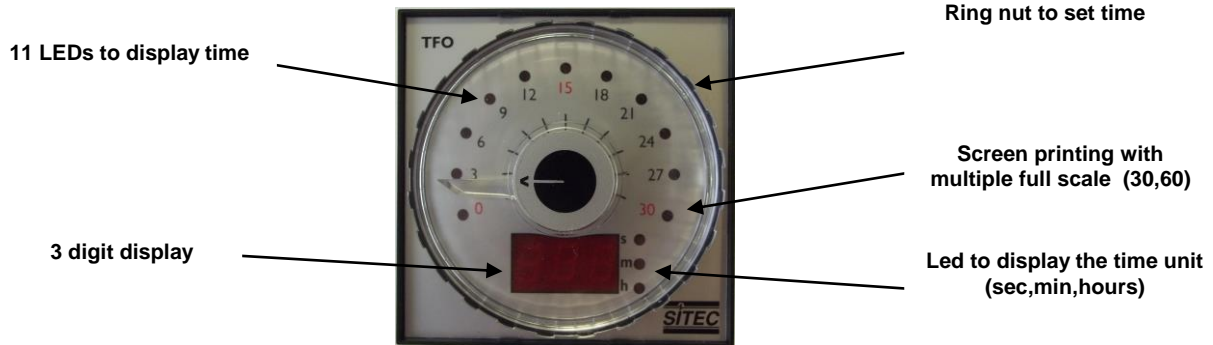


TFO SERIES- ELECTRONIC TIMER FOR OVENS



Features

The TFO series-Timer is used to control cooking and steam times in ovens.

The time can be set by means of a convenient ring nut, easy to handle, even when wearing gloves.

The timer is provided with three high brightness displays and a 11 LED graphic bar.

The degree of protection on the front panel is IP54. This guarantees perfect protection against dust and liquid splashes.

They are available with front screen prints, with 30 or 60 full scale (seconds, minutes or hours).

You can customize the device operation by means of configuration micro-switches placed on the back of the box.

The functions from F1 to F4 can be used for the basic management of the cooking and / or steam time.

The functions from F5 to F8 can be used to manage the steam and idle time before the next cycle.

The idle time may be set to 10,20,30 or 40 seconds, and its passing is indicated by the display.

Dip-Switch Configuration:

Buzzer :	Buzzer activation linked to the K2 operation
Memory :	Memorization function of residual time at switching off
Functions from F5 to F8 : (diagrams F5-F8)	Functions for oven devices es. steam time plus idle time.
Functions from F1to F4 : (diagrams F1-F4)	Basic functions ex. cooking time , steam time .
Basic times :	Seconds, minutes, hours
Full scale :	30,60

Buzz.	<input type="checkbox"/> 8	ON	OFF								
Mem.	<input type="checkbox"/> 7	<input type="checkbox"/>	<input type="checkbox"/>								
Func.	<input type="checkbox"/> 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time	<input type="checkbox"/> 3	sec.	min.	h.	t.						
	<input type="checkbox"/> 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Scale	<input type="checkbox"/> 1	30	60								

Accessories: Ring nut Replacement Kit cod.TFO.DL.KIT.72
 Octal Valve Base cod.X.007.00096

Technical Specifications

Power source : 24 VAC/DC +/-10% 50/60 Hz 250mA
Power consumption : 250 mA
Full scale available : 30,60 (sec,min,hours)

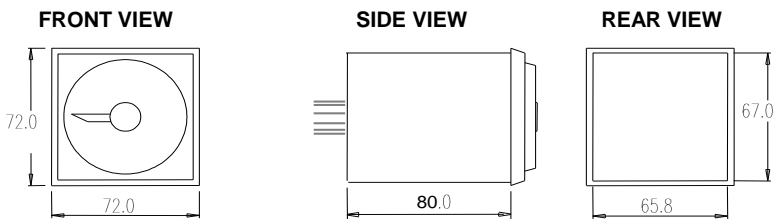
Temperature limit: Use → -10 +60 °C
 Storage → -25 +70 °C

Relay features : Electrical life → 5x10⁵ op.
 Mechanical life → 1x10⁷ op.
 Max commutable power → 16 A AC1
 Max commutable voltage → 250 Vac

Inputs : Power-on automatic start
Outputs : 2 outputs 24Vac 6(4) A (K1,K2)

Connector: Octal Valve Base

Dimensions

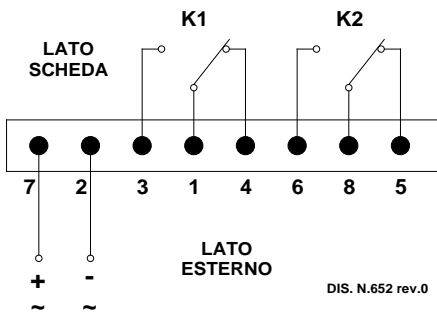


Perforation on the panel: 68(h) x 67 mm
 Connector protrusion: 20 mm
 Recessed unit length with connector: 100 mm

Octal type connector

Connection diagram

LATO SCHEDA → CARD SIDE
 LATO ESTERNO → OUTER SIDE

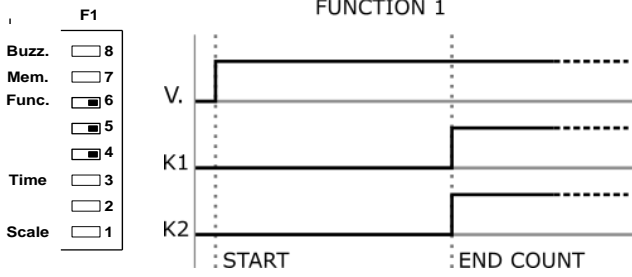


Octal valve base

DESCRIPTION	PINS OCTAL CONNECTOR	PINS OCTAL VALVE BASE
Common K1	1	11 - 1
Power source (~/-)	2	A - 2
K1 NO	3	14 - 3
K1 NC	4	12 - 4
K2 NC	5	32 - 5
K2 NO	6	34 - 6
Power source (~/+)	7	B - 7
Common K2	8	31 - 8



Time diagram for the cycle of function calculation
Dip-Switch F1-F4



Time diagram for the cycle of function calculation
Dip-Switch F5-F8

